

JENKINS  
WILSON  
& TAYLOR

patent attorneys

November 12, 2004

RICHARD E. JENKINS

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E. ERIC MILLS

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MICHAEL J. CROWLEY

\*CHRIS PERKINS, PH.D.

\*\*JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL  
SOROJINI BISWAS

\*LICENSED ONLY IN CA

\*\*LICENSED ONLY IN NY

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Shayler E. Dunn

Date of Signature

11/12/04

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/839,394 for  
METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING  
KEY REGISTRATION  
Our File No. 1322/45/2

Sir:

Enclosed in connection with the above-referenced patent application please find the following:

1. Base Issue Fee Transmittal Form in duplicate;
2. Supplemental Information Disclosure Statement (3 pages);
3. Form PTO-1449 (2 pages) in duplicate;
4. Copies of twenty-three (23) cited references;
5. Fee Transmittal (Form PTO/SB/17) in duplicate;
6. Request for Acknowledgment of Examiner's Consideration of Previously Filed Information Disclosure Statements (2 pages);
7. Copies of previously-filed Supplemental Information Disclosure Statements; and
8. A return-receipt card to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon.

tel 919.493.8000  
fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.  
JenkinsWilsonTaylor.com

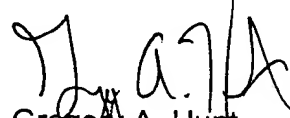
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November 12, 2004  
Page 2

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Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.



Gregory A. Hunt  
Registration No. 41,085  
Customer No. 25297

GAH/sed

Enclosures

The U.S. Patent and Trademark  
Office date stamp sets forth the  
date of receipt of:

Attorney: GAH/sed  
Docket No.: 1322/45/2  
Serial No.: 09/839,394  
Applicant: Benedyk et al.

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY  
REGISTRATION

The following items mailed to the U.S. Patent and Trademark Office on the date indicated below:

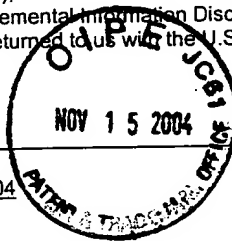
1. Transmittal Letter (2 pages);
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7. Request for Acknowledgment of Examiner's Consideration of Previously Filed Information Disclosure Statements (2 pages);
8. Copies of previously-filed Supplemental Information Disclosure Statements; and
9. Return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp on it.

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- ☐ Small Entity  
☒ Large Entity

Date Transmitted: November 12, 2004



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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,850.00**Complete if Known**

Application Number	09/839,394
Filing Date	April 20, 2001
First Named Inventor	Robby Darren Benedyk
Examiner Name	Mwanyoha, S. P.
Art Unit	2642
Attorney Docket No.	1322/45/2

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-0426

Jenkins, Wilson &amp; Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)** (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	1,370.00
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) <b>Publication Fee</b>					300.00
*Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3)</b> (\$)					1,850.00

**SUBMITTED BY**

Name (Print/Type) Gregory A. Hunt

Registration No.  
(Attorney/Agent)

41,085

(Complete if applicable)

Telephone 919-493-8000

Signature

[Signature]

Date

November 12, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**(703) 746-4000**

or **Fax**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise. Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

25297 7590 08/24/2004

**JENKINS & WILSON, PA**  
**3100 TOWER BLVD**  
**SUITE 1400**  
**DURHAM, NC 27707**

11/16/2004 HBEYENE2 00000128 500426 09839394

01 FC:1501 1370.00 DA  
 02 FC:1504 300.00 DA

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

**Shaylor E. Dunn** (Depositor's name)  
*Shaylor E. Dunn* (Signature)  
 11/16/04 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/839,394	04/20/2001	Robby Darren Benedyk	1322/45/2	2496

TITLE OF INVENTION: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY REGISTRATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	11/24/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
HONG, HARRY S	2642	379-219000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

**Jenkins, Wilson & Taylor,**  
**P.A.**

2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**Tékelec**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Calabasas, California**Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number **50-0426** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Gregory A. Hunt*  
**Gregory A. Hunt**

Date **12-Nov-04**Registration No. **41/085**

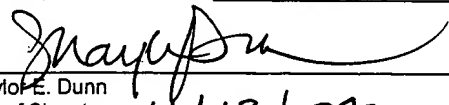
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Shayla E. Dunn  
Date of Signature 11/12/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benedyk et al.

Group Art Unit: 2642

**Serial No.: 09/839,394**

Examiner: Mwanyoha, S. P.

Filed: April 20, 2001

Docket No.: 1322/45/2

Confirmation No.: 2496

For: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY  
REGISTRATION

\*\*\*\*\*

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR ACKNOWLEDGMENT OF EXAMINER'S CONSIDERATION OF  
PREVIOUSLY FILED INFORMATION DISCLOSURE STATEMENTS

Dear Sir:

Applicants filed Supplemental Information Disclosure Statements on May 23, 2003 and August 18, 2004 and have not received signed copies of the PTO Forms PTO/SB/08B and PTO-1449, respectively, indicating that the Examiner has considered the references cited in the Supplemental Information Disclosure Statements. Copies of the previously-filed Supplemental Information Disclosure Statements are attached hereto. Applicants respectfully request that the Examiner acknowledge consideration of the references cited in the Supplemental Information Disclosure Statements by returning a copy of the PTO Forms PTO/SB/08B and PTO-1449 signed by the Examiner in the indicated locations.

Please feel free to contact the undersigned Attorney if there are any questions.

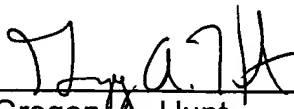
The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: November 12, 2004

By:

  
\_\_\_\_\_  
Gregory A. Hunt  
Registration No. 41,085  
Customer No. 25297

1322/45/2 GAH/sed

Enclosures

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Attorney: GAH/sed  
Docket No.: 1322/45/2  
Serial No.: 09/839,394  
Applicant: Benedyk et al.

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY  
REGISTRATION

The following items mailed to the U.S. Patent and Trademark Office on the date indicated  
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1. Transmittal Letter (2 pages);
2. Supplemental Information Disclosure Statement;
3. Forms PTO/SB/08A and PTO/SB/08B in duplicate;
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Docket No.: 1322/45/2  
Serial No.: 09/839,394  
Applicant: Benedyk et al.

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING-KEY  
REGISTRATION

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**JUN - 2 2003**



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Date Transmitted: May 23, 2003



**JENKINS & WILSON, P.A.**

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3100 TOWER BOULEVARD  
DURHAM, NORTH CAROLINA 27707

TELEPHONE (919) 493-8000  
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WEBSITE  
JENKINSANDWILSON.COM

**RALEIGH OFFICE**

NCSU CENTENNIAL CAMPUS  
VENTURE II SUITE 400  
920 MAIN CAMPUS DRIVE  
RALEIGH, NORTH CAROLINA 27606

TELEPHONE (919) 424-3710  
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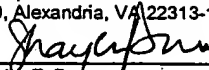
RICHARD E. JENKINS  
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ARLES A. TAYLOR, JR.  
DAVID P. GLOEKLER  
GREGORY A. HUNT  
BENTLEY J. OLIVE  
E. ERIC MILLS  
CHRISTOPHER P. PERKINS, Ph.D.\*  
JAMES DALY IV, Ph.D.\*\*

OF COUNSEL  
SOROJINI J. BISWAS

\*LICENSED ONLY IN CA  
\*\*LICENSED ONLY IN KY

May 23, 2003

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Shaylor E. Dunn  
Date of Signature 5/23/03

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/839,394 for METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY REGISTRATION  
Our File No. 1322/45/2

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. A Supplemental Information Disclosure Statement;
2. Forms PTO/SB/08A and PTO/SB/08B in duplicate;
3. Copies of two (2) cited references; and
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

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May 23, 2003  
Page 2

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Respectfully submitted,

JENKINS & WILSON, P.A.

  
Gregory A. Hunt

Registration No. 41,085

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PATENT

Shayler E. Dunt  
Date of Signature 5/23/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benedyk et al.

Group Art Unit: 2642

Serial No.: 09/839,394

Examiner: Not Assigned

Filed: April 20, 2001

Docket No.: 1322/45/2

Confirmation No.: 2496

For: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY REGISTRATION

\*\*\*\*\*

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached forms PTO/SB/08A and PTO/SB/08B. Copies of the references as well as Forms PTO/SB/08A and PTO/SB/08B are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

Early passage of the subject application to issue is earnestly solicited.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: May 23, 2003

By: Gregory A. Hunt

Gregory A. Hunt  
Registration No. 41,085

Customer No. Bar Code Label:



25297

PATENT TRADEMARK OFFICE

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PTO/55/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449A/PTO

**Complete if Known**

*(Use as many sheets as necessary)*

Sheet

1

of

1

Application Number

09/839.394

Filing Date

04/20/2001

**First Named Inventor**

**Robby Darren Benedyk**

### Art Unit

2642

Examiner Name \_\_\_\_\_

Attorney Docket Number

1322/45/2

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A1	EP 0 853 411 A2	07/15/1998	Bicknell et al.		X

Date  
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Sheet	1	of	1
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**Complete if Known**

Application Number	09/839,394
Filing Date	04/20/2001
First Named Inventor	Robby Darren Benedyk
Art Unit	2642
Examiner Name	
Attorney Docket Number	1322/45/2

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A1	EP 0 853 411 A2	07/15/1998	Bicknell et al.		X

Examiner Signature		Date Considered	
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Application Number	09/839,394
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Filing Date	04/20/2001
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First Named Inventor	Robby Darren Benedyk
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Art Unit	2642
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Examiner Name

Attorney Docket Number	1322/45/2
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Sheet	1	of	1
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MICHAEL MCGREW, "Transport SS7 Signaling Over IP," Lucent Technologies Inc., p. 1-8, (November 1998).

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Date Considered

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